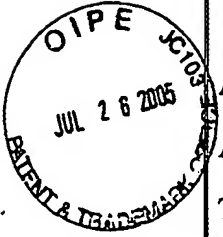


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants: Wenpeng Hsueh, Weili Yeh, Peter C. Hsi, and Hong T. Sun  
Assignee: RAE Systems, Inc.  
Title: AUTOMATIC DRIVE ADJUSTMENT OF ULTRAVIOLET LAMPS  
IN PHOTO-IONIZATION DETECTORS  
Serial No.: 10/607,950 Filing Date: June 27, 2003  
Examiner: Jeff William Natalini Group Art Unit: 2858  
Docket No.: RAE004US

San Jose, California  
July 26, 2005

Mail Stop AF  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO FINAL OFFICE ACTION**

Dear Sir:

This response to the Office Action dated May 26, 2005, which has a statutorily shortened period for response that ends August 26, 2005, includes:

A listing of the claims presented for further examination; and

Remarks given in reply to the Final Office Action dated May 26, 2005.

*OK to enter*  
*Jm 8/2/05*

THE PATENT LAW OFFICES  
OF DAVID MILLERS  
6560 ASHFIELD COURT  
SAN JOSE, CA 95120  
PH: (408) 927-6700  
FX: (408) 927-6701